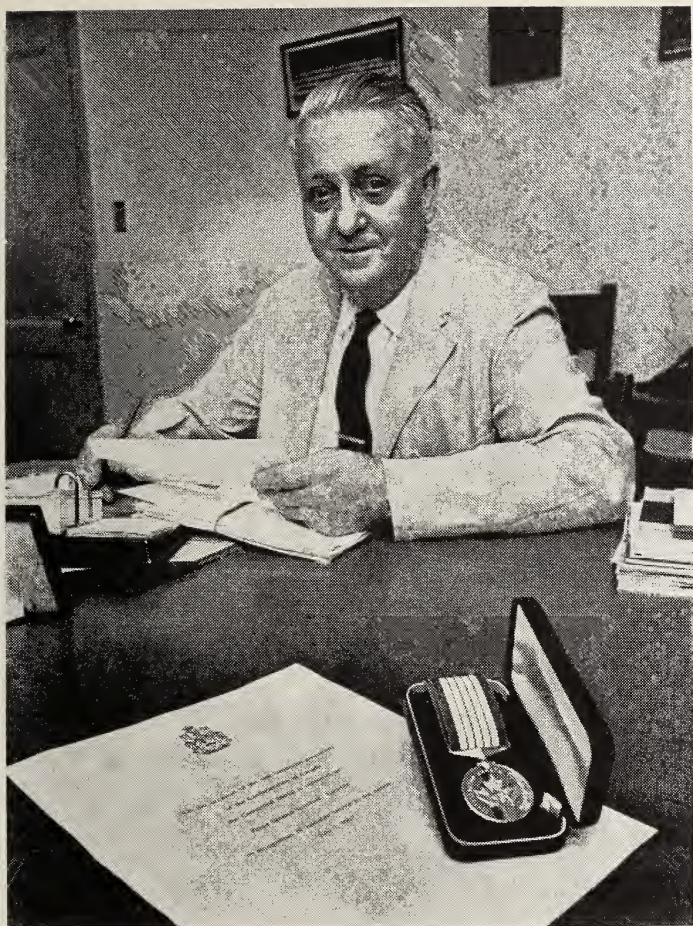




CENTENNIAL MEDALLIST

A number of academic and administrative personnel at University of Toronto were awarded the Centennial Medal in recognition of valuable service to the nation. It is doubtful that any of the recipients has been more widely and warmly congratulated than Peter Spence Scollick, the keeper of Convocation Hall and Simcoe Hall, whose devotion to duty has been a key element on so many ceremonial occasions. In this photograph, Mr. Scollick is seen in his office, his award in the foreground. (See page 22).

FEBRUARY 1968

bulletin

UNIVERSITY OF TORONTO

STAFF



OPEN HOUSES

Division of Rehabilitation Medicine

256 McCaul Street

Saturday, February 10

9.30 a.m. to 12 noon; 1.30 to 4 p.m.

Faculty of Dentistry

124 Edward Street

Sunday, February 11

2 to 5 p.m.

Faculty of Pharmacy

Huron and Russell Streets

Saturday, February 24

11 a.m. to 7 p.m.

FEBRUARY EVENTS

1 THURSDAY

- Seminar Department of Chemical Engineering. "The Role of the Chemical Engineer in Research and Development". Dr. R. Landau, president, Halcon International Inc., New York City. Room 2034, Wallberg Building. 3 p.m.
- Lecture Second of two lectures on "Louis Sullivan: A Vision of America" by Prof. William H. Jordy, Brown University; visiting lecturer in American Studies here. "The Justification of Vision". Room 202, McLennan Physical Laboratories. 4.15 p.m.

2 FRIDAY

- Theatre Centre for the Study of Drama. "Brouart" by Claude Aveline; directed by Leon Major and designed by Les Lawrence. Feb. 2 to 10 inc. Hart House Theatre. 8.30 p.m.
- Athletics Hockey. McMaster at Varsity. Varsity Arena. 8 p.m.

3 SATURDAY

- Lecture Royal Canadian Institute. "Living Light—Bioluminescence from Fungi to Fish". Dr. J. Woodland Hastings, Professor of Biology, Harvard University. Convocation Hall. 8.15 p.m.
- Athletics Boxing. R.M.C. at Varsity. Hart House. 8 p.m.
Basketball. McMaster at Varsity. Hart House. 8.30 p.m.

4 SUNDAY

- Music Brass Ensemble, Faculty of Music, University of Toronto. Scarborough College. 3.45 p.m.
- Films Four films related to The Arts of India and Nepal exhibition: "Taj Mahal"; "Khajuraho" (city of temples); "Fable of the Peacock" (East India dance and music); and "Gandhara Art" (ancient Buddhist sculpture). Museum Theatre. 2 p.m. Free.

5 MONDAY

- Music Organ Recital by Jeryl Taylor. Convocation Hall. 5.05 p.m.
- Lectures "Evolution in the XIX Century—Without the Darwins" Series. Dr. W. E. Swinton. "Sir C. Lyell, P. Mathew and R. Chambers: Three evolutionary Scotsmen". Seeley Hall, Trinity College. 5.30 p.m.
- School of Graduate Studies, Department of Near Eastern Studies. "Gory Goddesses: Some Similarities between Anat and Kali". Marvin H. Pope, Professor of Northwest Semitic, Yale University. Room 104, U.C. 4 p.m.

6 TUESDAY

- Lectures Department of Italian and Hispanic Languages and Literatures. "Giambattista Vico". Prof. Elio Gianturco, Hunter College. Room 1086, Sidney Smith Hall. 4 p.m.
- Graduate Departments of English and Fine Art. "John Ruskin: His Importance as a Critic". Prof. Quentin Bell, University of Sussex. Room 106, University College. 8.15 p.m. (Prof. Bell is the author of several books, including a study of Ruskin, a work on Victorian painting, a study of human fashions and their economic significance, a brief account of the Bloomsbury Group. He is now engaged on the authorized biography of his aunt, Virginia Woolf.)
- Seminar Department of Zoology. "Control of Protein Synthesis During Embryonic Development". Dr. Paul Gross, Massachusetts Institute of Technology, visiting lecturer, School of Graduate Studies, U of T. Room 432, Ramsay Wright Zoological Laboratories. 4.30 p.m.
- Meeting Academy of Medicine Stated Meeting (Section of Medicine). "Clinical Aspects of Dysproteinemias". Prof. Thomas B. Tomasi, Jr., State University of New York at Buffalo School of Medicine and Buffalo General Hospital. Osler Hall. 8.30 p.m. Buffet from 6.30 p.m.
- Athletics Swimming and Wrestling. McMaster at Varsity. Hart House. 7 p.m.

7 WEDNESDAY

- Tours Ten-to-One Tours. Two free tours, one on Greece and the other on Indians. Both start in the ROM Main Rotunda at 12.50 p.m.

8 THURSDAY

- Lectures Faculty of Music Series. "The Art of Criticism". Boris Nelson. Concert Hall, Edward Johnson Building. 2 p.m.
- University College Series. "The Historian Plutarch". Prof. Christopher Jones, Department of Classics. West Hall, University College. 4.10 p.m.
- Seminar Institute for Aerospace Studies. "Hydrospace". Dr. J. B. MacInnes, Ocean Systems Inc. Main Lecture Room. 2 p.m.
- Dancing Indian classical dancing will be demonstrated and traditional Indian costumes will be modelled in this special program held in conjunction with The Arts of India and Nepal exhibition, ROM, which will remain open till 10 p.m. Program begins 7.15 p.m. Adults \$1.00, ROM members, 75¢; students and children 25¢.

9 FRIDAY

- Lecture Pontifical Institute of Mediaeval Studies. "An English Representative at the Council of Constance: Bishop Hallum". Christopher Crowder, Queen's University. Teefy B, St. Michael's College. 3.10 p.m.
- Athletics Hockey. Waterloo at Varsity. Varsity Arena. 8 p.m.

10 SATURDAY

- Open House Division of Rehabilitation Medicine, Faculty of Medicine. Demonstrations in Physical Therapy, Occupational Therapy, Speech Therapy, and Prosthetics. 256 McCaul Street. 9.30 a.m. to 12 noon and 1.30 to 4 p.m.
- Lecture Royal Canadian Institute. "The Perception of Colour". Ralph M. Evans, director, Photographic Technology Division, Eastman Kodak Company, Rochester, N.Y. Convocation Hall. 8.15 p.m.
- Athletics Gymnastics and Fencing. McMaster at Varsity. 7.30 p.m.
Basketball. Waterloo Lutheran at Varsity. Hart House. 8.30 p.m.

11 SUNDAY

- Open House Faculty of Dentistry Open House. 2 to 5 p.m. Student demonstrations and tours of the dental building, 124 Edward St., have been arranged.
- Music Recital by Howell Glynne, bass. Scarborough College. 3.45 p.m.
Hart House Sunday Evening Concert. Pierre Souveran and R. Elsaesser, pianists. Great Hall. 8.30 p.m. Tickets from the Hall Porter. Limited number available to ladies.
Concert by Jacques Labrecque, well-known French-Canadian folk singer, the first of a series of Sunday concerts. Future concerts will feature baroque music, electronic music, and works of contemporary Canadian composers. Sigmund Samuel Canadiana Building, 14 Queen's Park Cres. W. 3 p.m. Admission \$1.50 (ROM members, students and children \$1). Tickets at door.

12 MONDAY

- Music Organ Recital by Louise Grasett. Convocation Hall. 5.05 p.m.
- Lecture "Evolution in the XIX Century—Without the Darwins" Series. Dr. W. E. Swinton. "Lord Tennyson and Karl Marx: The Poet and the Pauper". Seeley Hall, Trinity College. 5.30 p.m.

13 TUESDAY

- Lecture Committee on the History and Philosophy of Science. "On the Origins of Darwinism". Jonathan Hodge, Department of History. Room 102, Mechanical Building. 1.10 p.m.
- Seminar Department of Zoology. "Enzyme Regulation in Yeast". Dr. J. G. Kaplan, University of Ottawa. Room 432, Ramsay Wright Zoological Laboratories. 4.30 p.m.

14 WEDNESDAY

- Tours Ten-to-One Tours. Dinosaurs and the Hall of Fossil Invertebrates are the subjects of two gallery tours beginning in the ROM Main Rotunda at 12.50 p.m.
- Theatre The *Poculi Ludique Societas* will present a production of Thomas Preston's "lamentable tragedy" *Cambyses*, directed by Skip Shand. Feb. 14, 15 and 16 in West Hall, U.C. 8.15 p.m. Saturday, Feb. 17 at 2 p.m. and 8.15 p.m.

15 THURSDAY

- Seminars Department of Chemical Engineering. "Strategies of Experimentation". Prof. D. W. Bacon, Queen's University. Room 2034, Wallberg Building. 3 p.m.
- Institute for Aerospace Studies. "MHD Power Generation". Dr. S. Way, Westinghouse Research Laboratory. Main Lecture Room. 2 p.m.
- Music Faculty of Music Series. Contemporary music by student composers. Concert Hall, Edward Johnson Building. 2 p.m.
- Faculty of Music Special Events Series. Guarneri String Quartet with Anton Kuerti, pianist. Concert Hall, Edward Johnson Building. 8.30 p.m. Call on day of performance (928-3744) for turn-ins or standing room.
- Lecture Spendlove Memorial Lecture. "Pierre Guy, a Canadian Bourgeois in Old Montreal". Dr. Hilda Neatby, chairman, History Department, University of Saskatchewan. Her description of the post-conquest period of Quebec will be illustrated with coloured slides of material in the ROM Canadiana Collection. The lecture is in memory of the late St. George Spendlove, for many years curator of the Canadiana Collections. Museum Theatre. 8.30 p.m. Free.

16 FRIDAY

- Athletics Hockey. Western at Varsity. Varsity Arena. 8 p.m.

17 SATURDAY

- Lecture Royal Canadian Institute and Federation of Ontario Naturalists joint meeting. "Insects, Pesticides and Food Chains". Dr. C. David Fowle, York University. Convocation Hall. 8.15 p.m.
- Athletics Basketball. Windsor at Varsity. Hart House. 8.30 p.m.

18 SUNDAY

- Music Concert at Scarborough College. 3.45 p.m.
- Service Massey College Chapel Service. 5 p.m.
- Films "Quetico" (Ontario canoe country); "Thursday's Children" (Margate, England school for the deaf); "Promise of Heaven" (Dutch painters on glass); "Dimension" (vision of reality?). Museum Theatre. 2 p.m. Free.

19 MONDAY

- Lectures "Evolution in the XIX Century—Without the Darwins" Series. Dr. W. E. Swinton. "Lord Kelvin and Gregor Mendel: The Physicist and the Priest". Seeley Hall, Trinity College. 5.30 p.m.
- The University Library. "Saving the Libraries of Florence", slide lecture by Mrs. Carolyn Horton, New York, leading American book restorer. Room 2102, Sidney Smith Hall. 8 p.m.

20 TUESDAY

- Lectures Centre for Medieval Studies and Graduate Department of Classics. "Boethius and the Transmission of Greek Thought to the Middle Ages". Prof. James Shiel, visiting professor of Classics, from the University of Sussex. Room 104, U.C. 4 p.m.
- United Nations in Canada and Division of University Extension. "Rights of Women". Mrs. M. J. Sabia, past president, Canadian Federation of University Women. Scarborough College. 8 p.m. Tickets \$1.25.

21 WEDNESDAY

- Dinner Faculty Club Lady Members' Dinner. Reception, 5.15 p.m. Dinner, 6.15 p.m. Members only.

22 THURSDAY

- Music Faculty of Music series. Eurythmy demonstration. Kari Van Oordt, Joanna Van Vliet, introduced by Graham H. Jackson. Concert Hall, Edward Johnson Building. 2 p.m.
- Lecture "Masterpieces of Early Indian Sculpture". Free illustrated lecture by Prof. Benjamin Rowland Jr., Gleason Professor of Fine Arts, Fogg Museum, Harvard University. Museum Theatre. 8.30 p.m. The Arts of India and Nepal exhibition will be open that evening until 10 p.m. Admission is \$1 (ROM members, 75¢; students and children 25¢).

23 FRIDAY

- Supper Faculty Club Buffet Supper. 5.30 to 8 p.m.

24 SATURDAY

- Open House Faculty of Pharmacy Open House. Huron and Russell Streets. 11 a.m. to 7 p.m.
- Lecture Royal Canadian Institute. "Man and his Genes". Dr. Margaret W. Thompson. Convocation Hall. 8.15 p.m.

25 SUNDAY

- Music Hart House Orchestra conducted by Dr. Boyd Neel. Scarborough College. 3.45 p.m.
- Hart House Orchestra Associates. Dr. Boyd Neel will conduct a Haydn and Mozart program. Great Hall, Hart House. 8.30 p.m. Tickets \$3 at Hart House, and at door.
- The Montreal Baroque Trio comprised of Mario Duschenes, flute; Melvin Berman, oboe; and composer Kelsey Jones at the harpsichord, will perform early compositions. Sigmund Samuel Canadiana Building, 14 Queen's Park Cres. W. 3 p.m. Admission \$1.50 (ROM members, students and children \$1).
- Open House Hart House Visitors' Sunday, 2 to 5 p.m. Tea from 3 to 4.30 p.m.

26 MONDAY

Lectures

School of Social Work. "Exploring New Social Frontiers" Series. "The New Social Services". Hon. John Yaremko, Minister of Social and Family Services, Province of Ontario. Convocation Hall. 4 p.m.

"Evolution in the XIX Century—Without the Darwins" Series. Dr. W. E. Swinton. "Herbert Spencer and Samuel Butler: Two evolutionary enthusiasts". Seeley Hall, Trinity College. 5.30 p.m.

Landscape Architecture lecture by Grady Clay, editor of *Landscape Architecture Quarterly*. Room 103, 230 College St. 8 p.m.

27 TUESDAY

Seminar

Department of Zoology. "Growth Characteristics of *Tetrahymena*". Dr. Ivan L. Cameron, Upstate Medical Center, State University of New York. Room 432, Ramsay Wright Zoological Laboratories. 4.30 p.m.

Lectures

Centre for Medieval Studies and Graduate Department of Classics. "A Greek School Manual in the Middle Ages". Prof. James Shiel. Room 104, U.C. 4 p.m.

Archaeological Institute of America, Toronto Society. "The Parthenos of Phidias". Mrs. Neda Leipen. Museum Theatre. 4.30 p.m. Free.

28 WEDNESDAY

Talk

Hart House Noon Hour Talk. "John Gabriel Borgman". Leon Major. Theatre. 1.15 p.m. Lunches allowed. Ladies welcome.

Tour

Ten-to-One Tour. Tour of the Athens Gallery and the Gallery of Mineralogy starting on the ROM Main Rotunda at 12.50 p.m.

29 THURSDAY

Music

Faculty of Music madrigals. Concert Hall, Edward Johnson Building. 2 p.m.

Seminars

Institute for Aerospace Studies. "The Primeval Fireball — A New Tool in Cosmology". Prof. D. Wilkinson, Palmer Physical Laboratory, Princeton. Main Lecture Room. 2 p.m.

Department of Chemical Engineering. "The Controlled Crystallization of Glass". Dr. G. H. Beall, Manager, Glass-Ceramics Research, Corning Glass Works. Room 2034, Wallberg Building. 3 p.m.

Meeting

University of Toronto Employees Credit Union annual meeting for members and their spouses. Great Hall, Hart House. 7.45 p.m.

MARCH

1 FRIDAY

Athletics

Hockey playoffs at Varsity Arena Friday and Saturday.

4 MONDAY

Lecture

Public lecture by Sir Hugh Wilson, O.B.E., F.R.I.B.A., president, Royal Institute of British Architects; architect-planner for Cumbernauld New Town, Scotland. Time and place to be announced.

Exhibitions

Arctic Exploration—Prints, maps, journals and artifacts depict the exploration of the Arctic. Among material associated with expeditions to the far north by Phipps, Cresswell and Franklin, there are illustrations of 19th-century Eskimo life by Captain Lyon. Navigational instruments and contemporary Eskimo carvings augment the display. This exhibition replaces L'amitié Franco-Canadienne which was not available for the period scheduled. Sigmund Samuel Canadiana Building, 14 Queen's Park Cres. W., until March 5.

The Arts of India and Nepal—The largest exhibition of the art of greater India ever to be shown in Canada spans 4,000 years of history from Neolithic times to the 19th century. The stone and bronze sculpture, paintings, tapestries and other precious objects are from the Nasli and Alice Heerama-neck collection. The exhibition was organized by the Museum of Fine Arts, Boston. A 192-page catalogue with 12 colour plates is available. Admission to the Exhibition: adults 75 cents; students and children, 25 cents. It continues in the ROM Exhibition Hall until March 10. On Feb. 8 and Feb. 22 the exhibition will be open until 10 p.m.

Graphic Art from Yugoslavia—Sixteen of Yugoslavia's leading artists are represented in an exhibition of 60 prints inspired by folklore, nature and Byzantine art. The favoured techniques are wood engraving, etching and aquatint. ROM Lower Rotunda until Feb. 11.

Nature Photographs by White—For several years photographer Jeanne White has focused her camera on wildlife with outstanding results. Some of her photographs were shown in the Canadian Government display at Expo. This exhibit of her nature studies is in the Lower Rotunda Feb. 17 to March 24.

Stamps—Stamps publicizing post-war co-operation among European nations are on display until Feb. 15 in the Lower Rotunda. The unusual Swan stamps, printed during the years when western Australia was known as the Swan River Colony, will be shown from Feb. 15 to April 1.

Open House of the Faculty of Architecture, Urban and Regional Planning and Landscape Architecture at 230 College St. From Feb. 28 to March 8 inc.

An exhibition of water colours by Prof. W. Edward Carswell will be on view in the dental building, 124 Edward Street. Feb. 5 to 9.

The Arts Committee of Erindale College Council has arranged a series of exhibitions during the academic year. It has already held three, of works by three living Canadian artists (Norman White, Katja Jacobs and John Stohn) and a photographer (Norman Hatton). The exhibition which has attracted most attention so far, however, was the work of Charlotte M. Schreiber, a Victorian artist. (She was one of the founders of the Royal Canadian Academy in 1880, and the Schreiber family has long been connected with the area around the Erindale campus.)

Rivalling the Schreiber collection for public attention is the *Adrian Dingle Retrospective Exhibition* which opened at Erindale on Jan. 15 and closes on Feb. 3. The work of the president of the Ontario Society of Artists will be followed from Feb. 5 to 24 by an Exhibition of Small Sculpture organized for the committee by Gallery House Sol, Georgetown. A large group show of Canadian Prints assembled by the Pascal Gallery of Toronto will be shown from Feb. 26 to March 16. Elizabeth Wilmott exhibits her Structural Reliefs from March 18 to 30, and Vera Frankel, printmaker, concludes the academic year by exhibiting her prints from April 1 to 13.

DEADLINE: FEBRUARY 15

STAFF BULLETIN is published by the Department of Information, University of Toronto, and edited by Mrs. Winogene Ferguson. Copy for the March issue must reach the editor (Room 225, Simcoe Hall, telephone 928-2102) *not later than February 15.*

University of Toronto Senate:

Summary of Minutes, Jan. 12, 1968

(1) The minutes of the meeting of December 8, 1967 were approved.

(2) The Senate received a Final Report on Enrolment (1967-68) from the Director of Statistics and Records.

(3) The Senate approved a report from the School of Graduate Studies on Ontario Graduate Fellowships, 1967-68, and a Report on School of Graduate Studies Awards, 1967-68.

(4) The Senate approved a report of the Committee on Applications and Memorials, recommending denial of a petition from a student against a decision from the Faculty of Dentistry, and recommending support of a decision of the Council of the School of Nursing denying the petition of one of its students.

(5) The Senate approved a report of the Committee on Ceremonials concerning the proposed schedule for the 1968 Spring Convocation. The schedule includes eleven convocations beginning May 24 and ending on June 10.

(6) The Senate gave second reading to the following statutes:

(a) Statute changing the name of Graduate Department of Classics to the Graduate Department of Classical Studies.

(b) Statute amending the composition of

the Senate to include ex-officio membership of the Vice-President (Research Administration) and to make minor changes in graduate representation. (The Senate was informed of the opinion of the University solicitor concerning the proposal to provide for student representation on the Senate. The proposal was referred back to the Executive Committee for a study of the legal problems involved.)

(c) Statute respecting amendments to the Consolidated Statutes of the Senate to empower the Executive Committee to approve changes in courses of study on behalf of the Senate and to permit a Senate statute to be passed at the same meeting at which it was introduced, provided that details of the proposal had been circulated to members with the notice of meeting.

(7) The Chairman read to the Senate a resolution submitted by the Students' Administrative Council recommending deferment of student representation on the Senate. The Chairman also presented a request of the Council's President to address the Senate concerning this matter. The Senate agreed to invite the President of the Students' Administrative Council to speak at its next meeting, February 9, 1968.

The President's Council

At the President's Council meeting on January 8, 1968, there was a discussion of the involvement of members of the teaching staff in activities outside the University. A question had been previously asked whether any mechanism existed to ensure that individual staff members did not permit themselves to become involved in outside activities to an extent that would preclude their giving adequate time and attention to their students. Council members had received copies of the report of the Presidential Committee on External Involvement (March, 1965), which begins as follows:

The problem of the expert whose advice is needed in the external world is increasingly complicating for universities

everywhere. On the other hand, such involvement is important, even essential, to the academic professional; not, at its best, for financial reasons but for the stimulation of research. At its worst it can be a diversion of a man's time from his responsibilities for reasons of self-interest. Thus the university must protect its students and academic life by requiring consultation between a staff member and his Departmental Chairman or Dean *before* involvement; not primarily on financial grounds but on the basis of *time*.

Council members were satisfied that this constitutes a sufficient mechanism. It was felt that with increasing numbers of staff

and more frequent changes in chairmanships, a periodic reminder of this obligation of prior consultation would be useful.

Professor Kenneth McNeill and Mr. Sword reported to the Council on the December meeting of the Committee of Presidents of Universities of Ontario.

The subject of staff housing was discussed at length. There was a suggestion that a larger loan (up to \$10,000 instead of \$8,500) and a longer repayment period (10 years instead of 5 years) should be made available to members of staff to assist in the purchase of a house, but it was recognized that even with this assistance, the present extraordinary inflation in the price of housing means that the purchase of a house will still entail hardship for all except those with the highest income. On the other hand it is difficult for the University to do more unless it were decided to subsidize staff housing by making loans at less than commercial rates. This would help some people and not others, and would be difficult to defend when the subsidization of student housing is not permitted. Another suggestion was that the University should develop apartment housing for this purpose, if capital funds could be found. Members were told that the experience of public housing agencies with the buying of older houses has been that the cost of necessary renovations is generally uneconomic compared with new construction. The Council emphasized the extreme urgency of the housing problem in relation to the recruiting and retention of staff, and agreed to refer it to the Co-ordinating Committee on Housing.

The Council had decided earlier to have an informal discussion of the Report on Undergraduate Instruction in Arts and Science (the Macpherson Report), but to make no recommendations, so as not to prejudice consideration of the Report in the Faculty of Arts and Science and elsewhere. Discussions are in progress in the Arts and Science departments, and the Dean expects to receive their reports this month and to summarize them for consideration by the Undergraduate Studies Committee in February.

The thrust of the recommendations in Chapter II (Teaching and Learning) is towards fewer lectures and laboratory classes and more tutorial instruction; this seems to be generally accepted as the right direction in which to move, though there is some doubt whether lectures can be reduced to

the full extent recommended. It was said that the numbers of full-time staff were totally inadequate to carry all first-year tutorials as recommended in the Report, and that even if it were possible to obtain enough full-time staff members we would not have space for them. A possible half-way solution would be to make extensive use of postdoctoral fellows in the sciences and mathematics and of senior graduate students who have completed their course work in the humanities and social sciences, under the supervision of senior members of staff.

Widespread enthusiasm for the introduction of greater flexibility into the structure of degree programs (Chapter III) was reported, although a dissenting opinion was expressed to the effect that the explosive expansion of knowledge makes specialization inevitable and essential and that this University's greatest contribution is in the education of specialists, who should not at any stage be held back to the pace of students less keenly interested in the subject.

The recommendations for Generalist and Specialist courses were said to be warmly supported in the Federated Colleges, also the participation of students in course committees and appraisals and the systematic assistance of young teachers. But the new role proposed for the Colleges (Chapter IV) was said to be based on a concept of a college as an administrative teaching unit, whereas the Colleges think of themselves as academic communities. They are concerned lest a concentration of their emphasis on teaching at the first year level might involve the effective dismemberment of their community, and they fear that they would lose the allegiance of their staff if the latter became members of University departments. The loss of direct federal grants has brought a feeling of financial insecurity to the Colleges, and they now feel that financial considerations might be used to force them into acquiescence in a new version of federation.

The financial implications of the entire Report were variously estimated, and it was pointed out that under formula financing any increase in the cost of undergraduate instruction involves a sacrifice in some other aspect of the University's operation. There was a wide range of opinion on this point. On the one hand, it was said that the economy cannot support an increase in the teaching force relative to student numbers, or even maintain the present strength; that

we should be looking for devices to improve the effectiveness of teaching without adding to the numbers of teachers; that it was unrealistic to expect the degree of personal attention to students which the Report recommends; and that we would be unable to retain a good staff if there were any lessening of the emphasis on graduate studies and research. On the other hand it was claimed that graduate work and research have enjoyed undue recognition and prestige compared with undergraduate teaching, and that the latter should be rehabilitated by suitable recognition and improved by systematic instruction in educational principles. It was said that in the undergraduate

field our system has deteriorated from what it was ten years ago and that an affluent society should not resign itself to a progressive erosion of the quality of education; increased costs to restore quality are fully justified, and the Report is flexible enough to be implemented gradually over a period of time so that the costs could be spread out.

The question was raised whether the manifest differences between the humanities and social sciences and the sciences—in the relative desirability of early specialization, the extent of the emphasis on research, etc.—did not make it desirable to explore a division of the Faculty of Arts and Science into two separate faculties.

Appointments and Promotions

Medicine

DR. J. N. SWANSON has been appointed assistant professor and director of audio-visual services in the Faculty of Medicine. Dr. Swanson was born in Edinburgh, Scotland, and gained his M.B., Ch.B. there in 1942. After service in the R.A.F., he obtained his M.D. in 1947 and was elected F.R.C.P. in 1958.

After two years at Harvard Medical School, 1949–51 he joined the Toronto General and Sunnybrook Hospitals as a Canadian Arthritis and Rheumatism Society fellow. Later, in 1961, he became medical director of the Society's Ontario division. In 1964 he was appointed director of arthritic service, Orthopaedic and Arthritic Hospital, Toronto. He became well known in the courts for his ability to explain medical problems clearly. He has been chairman since 1966 of the special committee on audio-visual education of the Canadian Medical Association.

DR. W. DONALD ROSS has been appointed a professor of psychiatry in the Faculty of Medicine with effect from March 1 and will also assume the post of psychiatrist-in-chief of the Toronto General Hospital. With his appointment, psychiatry becomes a separate department in the hospital.

Dr. Ross, who was born in Hamilton, Ont. in 1913 is professor of psychiatry and assistant professor of industrial medicine in the University of Cincinnati. He gained his M.D. and his B.Sc. (Med.) from the University of Manitoba and subsequently studied in the Research Institute of Endocrinology at McGill University, the Montreal Neurological Institute, and the Institute of Psycho-

analysis in Chicago. He was appointed assistant professor of psychiatry, U. of Cincinnati, 1948, professor of psychiatry, U.B.C., 1953 and associate professor of psychiatry, 1954.

K. N. JEEJEEBHoy has been appointed assistant professor (Medicine). He has degrees from Madras, London and Edinburgh. Dr. Jeejeebhoy has held posts with the Christian Medical Hospital, Vellore and Lulhina, India; West Middlesex Hospital, England; Nair Charitable Hospital, Bombay; and for the past two years he has been head of radiation medicine at Bhabha Atomic Research Centre, Bombay.

MISS R. O. F. BRADSHAW has been appointed assistant professor and head of Physiotherapy in the Division of Rehabilitation Medicine. She has held the same posts at the University of Alberta for the past five years. Miss Bradshaw took her B.Sc (P&OT) degree at McGill University, and has a teacher's certificate from Toronto. She is chairman of the Board of Education of the Canadian Physiotherapy Association.

MISS I. M. ROBINSON has been appointed assistant professor and head of Occupational Therapy (Rehabilitation Medicine). On the staff for over 20 years, Prof. Robinson has a B.A. from McMaster and graduated here in Occupational Therapy. She has held numerous posts with the Canadian Association of Occupational Therapists, and is an alternate delegate on the World Federation of Occupational Therapists.

Library Science

W. J. KURMAY was promoted to the rank of associate professor, effective Jan. 1.

Royal Ontario Museum

MISS R. J. FERGUSON was promoted to assistant curator, effective Jan. 1.

Policy Analysis

The following members of the University staff have been appointed to the executive committee of the Institute:

DOUGLAS G. HARTLE (chairman), Director of the Institute and Professor of Economics; JOHN BOSSONS, associate professor of Economics; DONALD J. CLOUGH, associate professor of Industrial Engineering; A. RODNEY DOBELL, associate professor of Economics and Mathematics; H. C. M. EASTMAN, professor of Economics and associate dean of the School of Graduate Studies; RICHARD W. JUDY, professor of Economics and Computer Science; JOHN A. SAWYER, professor, School of Business; and

THOMAS A. WILSON, associate professor of Economics.

The Library

MICHAEL JAMES MCCAHILL has been appointed assistant to the chief librarian effective Jan. 1. He will work with H. L. SMITH, librarian of Erindale College, on coordinating plans for the Humanities and Social Sciences Research Library until the completion of the working drawings. Thereafter, Mr. Smith will concentrate on the developments at Erindale, and Mr. McCahill will become the Library's coordinator of building plans. He has been involved in planning before, at the University of Victoria as head of the Catalogue Department, and at Sir George Williams University, Montreal, as assistant librarian for technical services.

NOTES

Arts and Science

PROF. J. F. HEARD attended a meeting of the Advisory Committee on Astronomy for the Department of Energy, Mines and Resources in Ottawa on Dec. 11.

PROF. HELEN S. HOGG attended a meeting of the Committee on Education of the American Astronomical Society at the Hayden Planetarium in New York, Dec. 8-9.

PROF. DONALD MACRAE, as a National Lecturer for Sigma Xi, lectured from Oct. 30 to Nov. 10 to eight university and research institutions in Wisconsin, Minnesota, Illinois, Iowa, and the Dakotas. He also participated in a symposium on "HII Regions" at NRAO, Charlottesville, Va., Dec. 8-11.

PROFS. J. A. ROBERTS and S. VAN DEN BERGH participated in a conference on "Variable Quasi-Stellar Sources" in Ann Arbor, Nov. 15-16. PROF. VAN DEN BERGH gave a talk on "Optical Observations of the Interstellar Medium" in Troy, New York on Nov. 19 to a group from the Rensselaer Polytechnic Institute, the G.E. Research Laboratories and the State University of New York.

PROF. R. G. BARRADAS has been elected a member of the Western Electroanalytical-Theoretical Society.

PROF. A. G. BROOK presented a lecture to the Chemistry Department of the University of Manitoba, Dec. 6, on "The Chemistry of Acylsilanes".

PROF. J. E. DOVE gave a paper entitled

"Computer Studies of Reaction Profiles in Gas Detonations" at the International Colloquium on Gasdynamics of Explosions, Brussels, Belgium, Sept. 18-21, and also attended the International Mass Spectrometry Conference in Berlin, Sept. 25-29. On Oct. 16 he gave a paper entitled "A Kinetic Study of the Oxidation of Hydrogen by Nitrous Oxide in Shock Waves" at a session on Combustion Engineering, in connection with the 17th Canadian Chemical Engineering Conference at Niagara Falls, Ont.

PROF. D. J. LE ROY has been named the representative of the National Research Council on the National Committee of the International Union of Pure and Applied Chemistry. On Dec. 7 he gave one of the invited papers "Kinetics of the Three-Center Exchange Reactions of the Hydrogen Isotopes", at the Southwest Regional Meeting of the American Chemical Society, held in Little Rock, Ark. On Dec. 13 he spoke on the same subject at York University.

PROF. M. W. LISTER gave an invited lecture at Queen's University, Nov. 28, on the subject "Ion Pairing and Reaction Kinetics".

PROF. S. MCLEAN gave a paper on "An Approach to the Total Synthesis of Ocho-tensimine" at the Second Natural Products Symposium, held at the University of the West Indies, Jamaica, Jan. 2-5.

PROF. P. YATES participated in the Second Natural Products Symposium, held at the University of the West Indies, Jamaica,

Jan. 2-5, and gave a paper on "The Chemistry of Haplophytine". He lectured on "The Photochemistry of Cyclic Ketones" to the Department of Chemistry of Waterloo University on Dec. 12 and to the McGill Chemistry Society on Jan. 12.

Colloquia were given in the Department of Chemistry by the following visitors: PROF. J. B. STOTHERS, University of Western Ontario; PROF. J. HALPERN, University of Chicago; DR. WOLFGANG ROTH, University of Cologne.

PROF. R. M. SMITH gave a seminar on "The 10th Book of the Bhagavad Gita" to the Department of Religion at McMaster University, Dec. 13.

PROF. J. GITTINS spoke on "Carbonatites" at the Department of Earth Sciences, University of Waterloo on Jan. 18.

PROFS. A. J. NALDRETT, G. M. ANDERSON, J. J. FAWCETT, and J. GITTINS, and DR. R. S. JAMES presented papers at a symposium on "Experimental Methods in Petrology and Ore Genesis" held at the Department of Geology, University of Western Ontario, on Jan. 24 and 25.

PROF. AZIZ AHMAD gave a lecture on "Religion and Ideology in Pakistan" in the Department of Religion, University of Syracuse, on Nov. 17.

PROFS. R. M. SAVORY and E. BIRNBAUM represented the University of Toronto at the meeting of the Governing Board of the American Research Institute in Turkey, which took place in New York on Nov. 19.

PROF. J. H. PARKER attended the meetings of the Executive Council of the American Association of Teachers of Spanish and Portuguese in Chicago, Dec. 27-29, and presided at the Association's Peninsular Literature Session.

PROF. KURT LEVY attended the meetings of the Modern Language Association of America, American Association of Teachers of Spanish and Portuguese and the American Council for the Teaching of Foreign Languages in Chicago from Dec. 27 to 29. As chairman of the AATSP Committees on Planning and Development and Honorary Members he presented the committee reports and besides, represented the AATSP in the ACTFL Advisory Assembly.

PROF. J. W. MOFFAT visited the Department of Physics, Syracuse University, on Dec. 14 and gave a colloquium entitled "Present Status of High Energy π -N Scattering and the Regge Pole Model".

DR. D. E. BERLYNE visited the Institute of Animal Behaviour at Rutgers, the State

University of New Jersey in Newark, on Dec. 6 and 7. He delivered two talks on "The Nature of Reinforcement".

PROF. D. BUTLER gave a lecture entitled, "Physiology of the Salt Gland in Marine Birds" on Jan. 5 at the Department of Physiology, University of Nice.

University College

The following members of the Department of French attended the 82nd Annual Meeting of the Modern Language Association of America in Chicago, Dec. 27-29: PROFS. C. D. ROUILLARD, V. E. GRAHAM, E. A. JOLIAT, G. N. LAIDLAW, M. SANOUILLET, P. BOUILLAGUET, J. K. GILBERT, D. F. JOURNALT, P. L. MATHEWS, O. J. MILLER, W. A. OLIVER, and P. R. FINDLAY. PROF. MICHEL SANOUILLET, president of the International Association for the Study of Dada and Surrealism, was chairman of the annual meeting of the association on Dec. 28.

Victoria College

PROFS. C. N. GENNO and D. BRETT-EVANS attended M.L.A. meetings in Chicago, Dec. 27-30, where the latter delivered a paper entitled "Is Something Missing From 'Der gute Gerhard'?"

PROF. R. H. FARQUHARSON left in December for Stuttgart where he will spend the next six months.

Emmanuel College

PROF. E. C. BLACKMAN attended the annual meeting of the Society for Biblical Literature held in Union Theological Seminary, New York, Dec. 27-29. Prof. Blackman gave ten lectures to a Lay School of Theology in Peterborough, September to November, on "The New Testament".

PROF. JOHN WEBSTER GRANT gave a lecture on "The Influence of Confederation on the Protestant Churches" to a joint session of the American Society of Church History and the American Catholic Historical Association at Toronto, Dec. 29.

PROF. R. E. OSBORNE has been granted sabbatic leave from January to September, 1968, during which time he will study methods of teaching biblical languages in American and Canadian seminaries. Prof. Osborne conducted a seminar on hermeneutics at the Elliot Lake Centre for Continuing Education on Nov. 12 and 13. Ministers of both the United Church and Anglican communions in the north were in attendance.

Scarborough College

PROF. KARL S. GUTHKE was appointed to the editorial board of the American Lessing Society.

Erindale College

DEAN S. J. COLMAN and PROF. P. P. M. MEINCKE attended the Ontario Universities' Television Council's conference on "Television in the University" from Dec. 27-29 at McMaster University.

P. FINDLAY attended the Modern Language Association meeting in Chicago, Dec. 27-29.

P. JACKSON attended the 125th meeting of the American Astronomical Society in Philadelphia, where he presented a paper entitled "Observations of Normal Galaxies at Centimetre Wavelengths".

Associate DEAN E. A. ROBINSON visited the USSR from Dec. 11 to 23 at the invitation of the Academy of Sciences. While in Russia Prof. Robinson lectured at the University of Moscow on "Synthetic Inorganic Chemistry at the University of Toronto"; at Leningrad University on "Stereochemistry and Chemical Bonding in Inorganic Molecules"; and "The Structure of University Education in Canada"; and at the Institute of Inorganic Chemistry in Kiev on "Recent Research on Strong Acids as Non-Aqueous Solvents". From Jan. 11 to 13 Prof. Robinson participated in an international symposium on "Valence and Reactivity" held at Oxford University.

From Nov. 28 to 30 Principal J. T. WILSON gave a centennial lecture at Prince of Wales College, Charlottetown, and two addresses at Dalhousie University, all on the subject of "Continental Drift".

Medicine

DR. R. O. HEIMBECKER has given the following lectures: "Modern Trends in the Management of Surgical Shock" to the Brant County Medical School Society, in September; "Experimental Myocardial Infarction" at a symposium on Coronary Artery Disease, at Columbia University Medical Centre, Brooklyn, N.Y. on Oct. 8; "Modern Trends in the Management of Pulmonary Embolism" at the British Columbia Medical Society annual banquet in Victoria in October; "Experimental Myocardial Infarctectomy with a Preliminary Report on the Clinical Application" at the

Fortieth Annual Meeting of the American Heart Association in San Francisco on Oct. 21.

DR. IAN MACNAB gave an Instructional Course Lecture on "The Management of Painful *spondylolisthesis*" to the American Academy of Orthopaedic Surgeons in Chicago in January and at the same meeting presented a paper entitled "Negative Laminectomy".

DR. J. C. LAIDLAW gave a talk on "The Diagnosis of Primary Aldosteronism" at the Notre Dame Hospital in Montreal, and one on "The Control of Aldosterone Secretion" to the Chicago Medical School. He also addressed the Clinical Research Institute of Montreal on "Glucocorticoid-remediable Aldosteronism".

DR. C. M. GODFREY was appointed visiting specialist for the month of December to the CARE MEDICO Project at the Orthopaedic Hospital in Tunis. While there he lectured to undergraduate and postgraduate students in the Faculty of Medicine, took part in the training of prosthetic technicians, and saw a selected group of medical orthopaedic problems which had been assembled.

Postgraduate Medical Education

On Dec. 29 DR. J. O. GODDEN and DR. D. W. THOMPSON of the Department of Pathology presented a symposium entitled "Dying for a Smoke" before the Centennial Conference on Health and Physical Education.

The proceedings of the first Canadian Conference on "The Use of Audiovisual Aids in Medical Teaching" held in September under the joint sponsorship of the Faculty of Medicine of the University of Toronto, the Canadian Medical Association and the Ontario Medical Association has been prepared for publication in the Canadian Medical Association Journal by the staff of the Division.

In January the following special postgraduate lectures were delivered within the University: On Jan. 22, DR. G. LOEWI of the Rheumatism Research Unit, Canadian Red Cross Memorial Hospital, Taplow spoke on "Some Aspects of Delayed Hypersensitivity"; on Jan. 23 NORMAN C. TANNER, Senior Surgeon, St. James' Hospital, Balham, London spoke on "Choice of Operation for Peptic Ulcer" and on Jan. 29 DR. R. W. BERLINER of the National Heart Institute, Bethesda, Md. spoke on "The Formation

of Concentrated Urine" at the annual lecture sponsored by the Phi Delta Epsilon Medical Fraternity.

On Jan. 24 DRs. W. K. WELSH and JOHN SENN travelled to Welland to participate in a decentralized (travelling) clinic with the members of the Welland County Medical Society.

In February the Division will present the following special postgraduate courses: (1) Refresher Course for General Surgeons — Surgical Staff, Toronto General Hospital, Feb. 5-7; (2) Refresher Course for Practising Pathologists, Feb. 8-10; (3) Refresher Course for Women Doctors considering returning to practice (at the request and with the support of the Toronto Branch of the Federation of Medical Women), Feb. 12-Mar. 1; (4) Obstetrics and Gynaecology for General Practitioners, Feb. 13-15; (5) Eleventh Annual Public Health Refresher Course, School of Hygiene, University of Toronto, Feb. 19-23; (6) Course in Audiology for Otolaryngologists and Audiologists, Feb. 19-23.

It is a matter of particular gratification that the course for women physicians considering a return to limited practice has been over-subscribed.

Among distinguished guest faculty coming to Toronto to participate in the Annual Public Health refresher course are the following: DR. SAUL KRUGMAN, professor and chairman of the Department of Pediatrics, School of Medicine, New York University; DR. ALEXANDER H. LEIGHTON, professor of Social Psychiatry and Head of the Department of Behavioral Sciences, Harvard School of Public Health; DR. B. P. MARMON, professor of Bacteriology, University of Edinburgh; and DR. WARREN WINKELSTEIN, JR., professor of Preventive Medicine, School of Medicine, State University of New York at Buffalo.

Law

DEAN R. St.J. MACDONALD, PROFS. ABEL and MILNER attended the annual meeting of the Association of American Law Schools at Detroit, on Dec. 28 and 29. Prof. Milner was a member of the Round Table discussing Canadian-American Law School Relationships and spoke on teacher exchanges. He is one of the Canadian representatives on the Committee on Canadian-American Cooperation for 1968.

PROF. MILNER also appeared on a panel discussing Financing Local Improvements for Developments at the Special Tax Con-

ference sponsored by the Canadian Tax Foundation and the Bureau of Municipal Research, on the Report of the Ontario Committee on Taxation, Jan. 12 and 13.

Applied Science and Engineering

PROF. R. E. JERVIS participated in a seminar on "University Student Work Overseas" at the 8th Inter-Varsity Christian Fellowship Missionary Conference, University of Illinois, Dec. 27 to Dec. 31.

PROF. H. L. WILLIAMS attended a meeting in Ottawa of the Committee Chairmen for the Chemistry Survey being conducted by The Chemical Institute of Canada on behalf of the Science Council.

DR. A. P. BERNHART addressed a meeting of the International Alumni Association (Toronto Branch) on Jan. 9 on the subject "Air Pollution Control" which was held in Toronto.

PROF. C. HERSHFELD attended, by invitation, the 55th Annual Convention of the Canvas Products Association International (CPAI), held in Quebec City, Nov. 1 to 4, at which he gave a lecture on "The Mobilization and Exploitation of the Structural Potentials of Woven Fabrics". The lecture was illustrated by a verbal and pictorial description of the design and construction of the roof membranes of the Ontario Government Pavilion at Expo '67.

DR. P. H. JONES presented findings of his study on Water Pollution Research in Canada, to the Advisory Committee, Science Secretariat of the Privy Council in Ottawa, Dec. 14. This report is expected to be published in March.

DR. G. N. J. KANI was invited by several technical universities to report on the results of his research in the field of shear and diagonal tension in reinforced concrete beams. The lectures were delivered at: University of Graz, Nov. 28, on "The Basic Facts Concerning Shear Failure of Reinforced Concrete Beams"; University of Vienna, Nov. 30—"What Should We Know About the Shear Strength of Reinforced Concrete Beams?"; University of Stuttgart, Dec. 5—"Where Does a Reinforced Concrete Beam Require a Stirrup and Why?"; two lectures arranged by the Bavarian Provincial Building Institute at Nurnberg, Nov. 24—"The Clarifications of the Riddle of Shear Failure in Reinforced Concrete Beams" and "Where Does a Reinforced Concrete Beam Require a Stirrup and What is Its Function?"

PROF. CAMERON KENNEY addressed the staff of the Division of Building Research, National Research Council, Ottawa, on Dec. 13 on the subject of "Physico-chemical Nature of Shear Resistance", and on Dec. 14 he addressed the Ottawa Geotechnical Group on "Shear-strength Behaviour of Sensitive Clays in Engineering Problems". Also, Prof. Kenney has been appointed a member of the Joint Committee on Engineering Geology of the American Society of Civil Engineers and the Geological Society of America.

MR. TRESS gave a report at the Conference on Ethnographia Research in the Province of Ontario on Dec. 11 and 12 at the Education Centre in Toronto as to the research that is being carried on in the Air-photographic field at the University of Toronto as applicable to the ethnographic field and work generally in the Sub-Arctic.

PROF. E. J. DAVISON presented a paper entitled "A Computational Technique for Finding Time Optimal Controls" at the Hawaii International Congress of System Sciences, held at the University of Hawaii, Honolulu, Jan. 29 to 31.

PROF. G. SINCLAIR attended a meeting of the IEEE Ad Hoc Committee on Continuing Education in New York, Dec. 11.

PROF. H. O'BEIRNE represented the Faculty's Experimental Teaching Unit at a conference on Television in the University, sponsored by the Ontario Universities' Television Council, and held at McMaster University, Dec. 27-29.

PROF. ARTHUR PORTER addressed the joint meeting of the American Historical Association and the Society for the History of Technology on Dec. 29 at the Royal York Hotel. Dr. Porter has been appointed chairman of the Canadian committee for the UNESCO round-table to be held in Montreal in the summer of 1968. The theme of the round-table will be "New Means of Expression for Creative Work in the Modern Fields of Art".

PROF. BEN BERNHOLTZ is on sabbatical leave in the Department of Engineering-Economic Systems at Stanford University for the period January to June.

On Nov. 14, PROF. DONALD J. CLOUGH addressed the Toronto Hydrology Group at the O.W.R.C. Laboratories on the subject "Benefit-Cost Analysis of Flood Control and Water Conservation Programs in Ontario".

PROF. W. J. MOROZ presented two papers, "Air Quality Criteria as Related to Muni-

palities" and "Criteria and Control of Airborne Discharges from Industry" at the Ontario Pollution Control Conference, Dec. 4-6, in Toronto.

DR. F. P. J. RIMROTT and DR. J. F. KEFFER attended the annual meeting of the NRC National Committee for the International Union of Theoretical and Applied Mechanics, at the University of Waterloo, Dec. 20, where Dr. Rimrott was appointed to serve as chairman of the Congress Committee and Dr. Keffer was appointed chairman of the Papers Committee of the Second Canadian Congress of Applied Mechanics planned for May 1969 at the University of Waterloo.

PROF. G. B. CRAIG attended a seminar on Fracture at McMaster University on Nov. 21.

A paper by PROF. W. A. MILLER on "Crystalline Growth Forms and Equilibrium Shapes" was presented at the Iron and Steel Institute's Conference on Solidification of Metals at Brighton, Sussex, England, on Dec. 5.

Library Science

PROF. KATHARINE L. BALL, a member of the American Library Association/Canadian Library Association Liaison Committee, gave a report on the projected Study of Canadian Libraries, at the Committee's meeting held during the American Library Association's Midwinter Meeting at Bal Harbour, Miami Beach, Florida, Jan. 8-13.

DR. OLGA B. BISHOP has been appointed chairman of the Nominating Committee, Ontario Association of College and University Libraries.

PROF. FLORENCE B. MURRAY attended the meetings of the executive of the History Section, Reference Services Division, American Library Association held during the American Library Association's Midwinter Meeting at Bal Harbour, Miami Beach, Jan. 8-13.

Music

DR. ARNOLD WALTER spoke at the annual conference of the National Guild of Community Music Schools of the United States which was held in Toronto on Nov. 13 and 14. The subject of the paper was "Music in the University". Dr. Walter also spoke at the First Saskatchewan Music Conference at the University of Saskatchewan, Saskatoon, on Nov. 17 and 18, on "The State of Music in the Country". Dr. Walter was invited to attend the Canadian Conference of the Arts, St. Adele, Que., Nov. 29

to Dec. 2, and the CIDEM Conference in Washington on Dec. 6 and 7.

PROF. EZRA SCHABAS gave the luncheon address "Pelican Ink and Pestalozzi" at the John Adaskin Project Conference held in Toronto, Nov. 23. The meeting was sponsored by the Canadian Music Centre.

Dentistry

PROF. C. E. BURDY will attend the fifth Annual Workshop of Dental Examiners and Dental Educators in Chicago, Feb. 2-3, as the representative of the Faculty of Dentistry.

As part of the program of Continuing Education offered by the Faculty of Dentistry for members of the dental profession during February, the following courses are scheduled: Endodontics, Feb. 14-16, under the direction of DR. G. C. HARE; Occlusion, Feb. 19-23, under the direction of DR. C. H. M. WILLIAMS; Prosthodontics, Feb. 26-March 1, under the direction of DR. R. L. TWIBLE.

Under the Extramural Lecture program the following speaker will participate in February: DR. J. A. CHALMERS at the Niagara Peninsula Dental Association in St. Catharines, on Feb. 19.

Architecture

(Faculty of Architecture, Urban and Regional Planning and Landscape Architecture)

PROF. JOHN ANDREWS gave a lecture to the Graduate School of Design, Harvard University, where he has recently been appointed architect for the new Graduate School of Design building; he was chairman of the Iowa chapter. American Institute of Architects, awards program which was judged in Toronto. Prof. Andrews also addressed the A.I.A. Miami chapter and the Harvard Club of New York.

DR. A. J. DAKIN addressed the Ontario Landscape Contractors' Association annual conference on Jan. 10 on "Metropolitan Toronto Planning: Where the Action Is".

Visiting lecturers during December were PROFS. A. GUTTENBERG, University of Illinois, and B. WIESMAN, University of British Columbia.

Social Work

DR. FRANCIS BREGHA moderated a two-day Workshop on People and Development, in New York City, in which professors from

Harvard, Yale, Princeton, and Columbia Universities and specialists in international aid programs participated, Dec. 3-4. He also directed a seminar on community development for the Indian Development Branch employees of the Ontario Department of Social and Family Services, in Toronto, on Dec. 5.

DR. ELIZABETH GOVAN attended the National Round Table Conference, American Public Welfare Association, Dec. 6-9, in Washington, and served as vice-chairman of the session on Comprehensive Health Planning; also attended the meeting of the executive of the Division on Health and Medical Care which preceded the conference.

PROF. MARGARET KIRKPATRICK was appointed to the Accreditation Board for Facilities for Emotionally Disturbed Children, Division of Mental Health, Province of Ontario.

DR. ALBERT ROSE attended the first meeting of the new Curriculum Committee of the Council on Social Work Education in New York on Dec. 11.

DR. BEN SHAPIRO was a panelist on the seminar on Films in Family Life Education, sponsored by the National Film Board and the Canadian Mental Health Association, in Toronto, Dec. 1.

DR. BESSIE TOUZEL is serving as a member of the National Welfare Council, advisory body to the Minister of National Health and Welfare on welfare issues. She has also been appointed to the Board of the Church Home for the Aged in Toronto, and to the Welfare Advisory Committee of the National Democratic Party.

Nursing

DR. HELEN M. CARPENTER gave a paper on "The Needs of Mothers and Their Babies in Post Partum Period" at a recent conference on Maternal and Child Care sponsored by the Ontario Hospital Association, the Ontario Medical Association, the Ontario Public Health Association, and the Registered Nurses' Association of Ontario. Dr. Carpenter attended a meeting of the Deans and Directors of University Schools of Nursing in Canada, held in Winnipeg on Nov. 18-20. This meeting was called to consider the type of organization needed by the University Schools. Dr. Carpenter has been asked to serve on the sub-committee on Nursing Education of the Ontario Council of Health.

The Third Nettie Fidler Lecture was held in Cody Hall on Nov. 8. The speaker on this occasion was DR. RAE CHITTICK, the former director of the School of Nursing at McGill University. Dr. Chittick has just completed assignments for the World Health Organization in Ghana and the West Indies. Her address was entitled "Our Anabasis". This lecture was in honour of the former director of the School and was sponsored by the Alumni Association of the School.

PROF. KATHLEEN KING participated in a conference of the teaching staff of the Royal Victorian Regional Hospital in Barrie on Nov. 29.

PROF. JEAN WILSON was invited by the World Health Organization to serve as Consultant in Nursing Education in India. She will be at the University of the Punjab in Chandigarh for three months. Following this period she will travel in a number of countries, including India, Pakistan, Ceylon and Malaysia.

Support has been received from the Ontario Hospital Services Commission for the development of a nursing unit at Sunnybrook Hospital for the systematic and continuing study of nursing problems. Initially a pilot project will be undertaken to develop and refine a new organizational structure and system for an active treatment nursing unit.

The School (in co-operation with the Division of University Extension) is offering a workshop on the Rehabilitation Aspects of Nursing from April 8 to May 3. Miss DAWN MARSHALL, a member of the staff of the School, is giving leadership to this course.

Hygiene

DR. F. B. ROTH addressed the District 8 Assembly of the American College of Hospital Administrators in Toronto on Dec. 1 on the subject of "Future Relationships of Hospitals and Health Services". Dr. Roth attended a meeting of an Expert Committee on Hospital Administration of the World Health Organization in Geneva, Switzerland from Oct. 3 to 9 and acted as Rapporteur of the meeting.

DR. A. M. FALLIS spent three weeks in Africa as consultant to the World Health Organization in connection with the Onchocerciasis Control Program being undertaken by Ghana with the support of WHO. During his stay he advised on research to be undertaken and demonstrated techniques used in

Canada for research on black flies and suggested how they could be used, or modified, to provide information on the species of fly that transmits the disease.

DR. ROBERT HERMAN, The Rockefeller University, New York presented a seminar on Jan. 8 in the Department of Parasitology, on "The Intracellular Stage of *Leishmania Donovanii* grown in Cell Culture: Some Immunological and Biochemical Studies".

PROF. A. P. RUDERMAN attended the Health Economics session of the American Economic Association in Washington on Dec. 28 to participate in the traditional year-end review of research activities in this specialized field.

Business

PROF. J. H. G. CRISPO attended the Industrial Relations Research Association Winter Meetings in Washington on Dec. 28-29, where he chaired a contributed papers session.

PROF. O. W. MAIN attended the meetings of the American Economic Association in Washington, in December.

PROF. J. A. SAWYER has been appointed chairman of the Statistics Committee of the Canadian Economics Association. He has also been appointed a member of the Executive Committee of the Institute for the Quantitative Analysis of Social and Economic Policy of the University of Toronto.

Aerospace Studies

DR. J. H. DELEEUEW attended a meeting of the Scientific Evaluation Panel of the NRC Associate Committee on Space Research on Jan. 5 at Ottawa.

PROF. B. ETKIN lectured on Dec. 10 to the Toronto Branch of the ZONTA Club on the significance of the professional accomplishments of a number of holders of the Amelia Earhart Scholarship.

DR. G. N. PATTERSON attended a meeting of the Science Council at Halifax on Nov. 8 and 9. He also was present at a meeting of the Technical Advisory Panel of the National Aeronautical Research Council at which the subject of coordination of Aerospace research in Canada was discussed.

DR. G. N. PATTERSON and DR. J. B. FRENCH were visited at UTIAS on Dec. 15 by DR. J. W. COX of Martin-Marietta Corporation and E. SCHAFER, University of Michigan. A joint proposal is being prepared for work under the NASA Voyager planetary exploration program.

DR. H. S. RIBNER attended an invitational Advanced Technology Forum at the Boeing Aircraft Co., Seattle, Dec. 18 and 19, and had discussions with personnel at Boeing Scientific Research Laboratories and elsewhere on aircraft noise research, Dec. 20 and 21.

History and Philosophy of Science and Technology

PROF. JOHN W. ABRAMS was chairman of the Local Arrangements Committee for the meetings for the History of Science Society and the Society for the History of Technology, which were held in Toronto Dec. 27 to 30.

Medieval Studies

On Dec. 7, PROF. HERMANN PÁLSSON read a paper on "The Icelandic Sagas and the Critics" at Cornell University.

PROF. JOHN LEYERLE attended the annual meeting of the Modern Language Association of America at Chicago from Dec. 27 to 29 and was chairman of the Medieval Drama Conference on Dec. 29. PROFS. PÁLSSON and DAVID KLAUSNER also attended the MLA meeting.

With support of the Varsity Fund the *Poculi Ludique Societas* presented their production of the *Mactacio Abel* and the *Processus Noe Cum Filiis* at the MLA meeting on Dec. 29 before an audience of about 350 people. The production was well received and the P.L.S. were asked by PROF. JOHN FISHER, executive secretary of the MLA to "come back soon and often".

On Jan. 16 PROF. NORMAN ZACOUR became acting director of the Centre for Medieval Studies until September 1968.

On Feb. 1 PROF. BERTIE WILKINSON becomes visiting professor at Duke University for the spring term.

Policy Analysis

PROF. DOUGLAS G. HARTLE presented a paper on "The Impact of New Tax Policies on National Unity" to the National Conference on the Economics of Unity, Banff, Oct. 16, and spoke to the U.S.A. branch of the International Fiscal Association on "The Carter Commission Proposals and the Extractive Industries" in New York on Oct. 19. On Nov. 28, Prof. Hartle chaired a panel discussion on "The Effects of Tax Reform on Asset Prices" at the fall conference of the Canadian Tax Foundation.

PROF. JOHN BOSSONS presented a paper on "The Effect of the Carter Proposals and of Alternative Proposals on Stock Prices" to the fall conference of the Canadian Tax Foundation, Montreal, Nov. 28. On Dec. 30, Prof. Bossons presented a paper on "Measuring the Effect of Tax Reforms on Asset Prices" to the annual meeting of the Econometric Society in Washington.

On Dec. 15, PROFS. HARTLE, BOSSONS, A. RODNEY DOBELL, G. DAVID QUIRIN, J. A. SAWYER, J. W. L. WINDER, and T. A. WILSON participated in a day-long meeting with senior officials of the Bank of Canada and Department of Finance in Ottawa to discuss research done for the Department of Finance by members of the Institute.

Russian and East European Studies

The Centre will conduct the second annual Summer Russian Workshop this year, from June 24 to Aug. 16. The program consists of 8-week (200 hour) courses. The courses include (1) Intensive Elementary Russian; (2) Intensive Intermediate Russian; (3) Intensive Advanced Russian; (4) Refresher Course for Russian for Scholars; (5) Reading Course in Humanities and Social Sciences (History, Geography, Political Science, Political Economy, Economics, etc.); (6) Advanced Reading Course in Russian Literature and Criticism; (7) Scientific Russian; and (8) Special Course for Participants in the Centre for Russian and East European Studies Exchange Program with the USSR.

For further information and application forms write to the Director, Summer Russian Workshop, Room 5024 Sidney Smith Hall, University of Toronto, Toronto 5. Application forms should be received by April 15.

Connaught Medical Research Laboratories

At the 35th Annual Christmas meeting of the Laboratory Section, Canadian Public Health Association, in Toronto, Nov. 30-Dec. 1, DR. L. A. ROBB gave a paper entitled "Tetanus Toxoid: Separation of Sensitizing Fraction", and DR. C. E. DOLMAN spoke on "Twenty Years' Encounters with *Clostridium botulinum*".

DR. M. J. WALCROFT was invited to a Conference organized by the School of Veterinary Medicine, University of California, Jan. 13-14, and gave lectures on

"The Breeding of Guinea Pigs" and "Diseases of Guinea Pigs".

Royal Ontario Museum

MRS. K. B. BRETT flew to London, England, Nov. 28 for a week of meetings in connection with a forthcoming publication. MRS. BRETT and JOHN IRWIN, Keeper of the Indian Section at the Victoria and Albert Museum, have now completed their joint study of 17th- and 18th-century Indian painted cottons for the European market. The work is based on the collections in the Royal Ontario Museum and the Victoria and Albert Museum.

DR. E. J. CROSSMAN represented the ROM Science Departments at the International Symposium on Information Problems in Natural Sciences, held in Mexico City in December. In January he presented a paper on "Changes in the Canadian Freshwater Fauna" at the meeting of the Canadian Committee on Freshwater Fisheries Research. Dr. Crossman has also been re-appointed editor and director of the Canadian Society of Wildlife and Fisheries Biologists.

MRS. N. LEIPEN attended the 69th Annual Meeting of the Archaeological Institute of America held in Boston, Dec. 28-30.

DR. JOHN H. MCANDREWS attended the Plains Archaeological Conference, Nov. 20-29, at the University of Minnesota where he delivered a paper discussing "Late Quaternary Environmental History of the Northern Great Plains".

DR. E. S. ROGERS co-chaired, with FATHER JEAN TRUDEAU, the Conference on Ethnographic Research in the Province of Ontario. It was supported by the Indian Affairs Branch, Federal Government; the Indian Development Branch, Province of Ontario; the Department of Lands and Forests; and the Ontario Department of Education.

DR. WALTER M. TOVELL addressed the science conference, Nov. 25, held in Toronto by the Women Teachers' Association of Ontario. From Dec. 1-3, he participated in the Conference on Outdoor Education sponsored by the College of Education, held at Geneva Park, Lake Couchiching. On Dec. 4, Dr. Tovell spoke to the Toronto Field Naturalists' Club about "A Geologist's Look at Centennial".

HENRY TRUBNER recently travelled to New York for the exhibition of "Chinese Treasures from the Avery Brundage Collection" at Asia House. He also visited museums and

collections of Oriental art in the New York area.

DR. A. D. TUSHINGHAM, as secretary of the Jerusalem School Committee, attended meetings of the American Schools of Oriental Research held in New York, Dec. 26-27. Later, in Boston, he participated in a special conference on Underwater Archaeology, co-sponsored by the Smithsonian Institution and the Oceanographic Service, and attended meetings of the Archaeological Institute of America.

DR. G. B. WIGGINS was in New York City in November for the annual meeting of the Entomological Society of America. He is a member of the steering committee for the Society's conference on Immature Insects and represents the Entomological Society of Ontario on the Committee on Common Names of Insects of the Entomological Society of Canada.

T. YAMAMOTO attended the annual meeting of the Entomological Society of America in New York City.

The Library

R. H. BLACKBURN chaired the annual meeting of the Center for Research Libraries in Chicago on Jan. 5. At this meeting the Center amended its by-laws so as to make all users of the Center eligible to join (and to pay fees) either as full members or associates. At present, the Center is owned and supported by thirty-two universities including Toronto and British Columbia. On Jan. 6-11 Mr. Blackburn attended meetings of the Board of the Association of Research Libraries in Miami, the Board of the Association of College and Research Libraries, and the Council of the American Library Association in Miami.

MICHAEL McCABILL attended the mid-winter meeting of the American Library Association in Miami, Jan. 7-12, in his capacity as chairman of the Technical Services section of the Canadian Library Association.

RITVARS BREGZIS published an article *Pilot Materials Access Revolution* in the November-December issue of *Canadian University*. The aim of the Machine-Readable Catalogue Project is to create bibliographic data covering current English language publications at the Library of Congress, and to communicate these on computer tapes every week to sixteen participating libraries. The article explains simply the need for such a project, the basic

principles involved, and gives a brief evaluation. Copies were distributed with the Library's Newsletter in January.

The Reference Department has recently issued No. 11 of its Reference series: *Italian Reference Aids in the University of Toronto Library*, Humanities and Social Sciences Division, prepared by MARGARET FALCONER. Mimeographed copies of this 48-page annotated list may be obtained from the Reference Department.

The Press

The following have been published since the January issue of the *Bulletin*:

Federal Royal Commissions in Canada, 1867-1966: A Checklist. By George Fletcher Henderson. \$7.50

Packhorse, Waggon and Post: Land Carriage and Communications under the Tudors and Stuarts. By J. Crofts. (Studies in Social History.) \$5.00

In Defence of Canada: Appeasement and Rearmament. By James Eayrs. (Canadian University Paperbooks No. 74) \$2.95

On the Design of Shakespearian Tragedy. By H. S. Wilson. (Canadian University Paperbooks No. 76) \$2.25

The Lichen Genus Cladonia in North America. By John W. Thomson. \$12.75

Psychiatry in Transition. Edited by Aldwyn B. Stokes. (Clarke Institute of Psychiatry: Monograph Series No. 1) \$6.00

The Crayfishes of Ontario: A Handbook. Denton W. Crocker and David W. Barr. \$6.50

Zwingli's Theocracy. By Robert C. Walton. \$7.50

Canada Builds, 1867-1967. By T. Richie. \$12.50

The Atlantic Provinces. By William F. E. Morley. (Canadian Local Histories to 1950: A Bibliography) \$7.50

Other Books

Gil Vicente. By J. H. Parker. Twayne Publishers, Inc., New York. December, 1967.

Francisco Ayala, La cabeza del cordero. Ed. Keith Ellis. Prentice-Hall, Inc., Englewood Cliffs, N.J. December, 1967.

A Centennial Medal for Peter Scollick an indispensable man behind the scene

Peter Scollick is the keeper of Simcoe and Convocation Halls, those ageing but essential structures at the southwest corner of the University's front campus which have encircled and absorbed a former disparate accessory, Examination Hall. This all-purpose congeries is both the crossroads and the nerve centre of University affairs, whether administrative, academic, financial, or sociological. It accommodates close to two hundred administrative types from President to junior office helper; it is the rendezvous of Board of Governors, Senate, Convocations, and innumerable committees; its amenities are available to assemblies of many other kinds. It is Peter's life.

As generalissimo of a small army of sweepers, cleaners, polishers, handymen (and women) who keep the fabric of the whole shebang in shape, Scollick has his hands full. But he is also responsible for a long index of other items great and small like control of heat and ventilation, lights and fuses, and for the final inspection of arrangements in accordance with the changing

needs of successive conferences, panels, and committees. He must know who people are, and how to meet emergencies. A man who must be always on the spot—or near it, Peter has recently been awarded Canada's red-ribboned Centennial Medal in recognition of "valuable service to the nation".

He has been around for a long time. He can remember when Examination Hall, dimly lit at night by eighteen 500-watt bulbs, was a gaunt barnlike pile rising from a single floor to the ridge of its glass roof thirty feet above; he shared the general excitement when authority made a virtue of necessity by incorporating in it a staircase and an upper floor against the space requirements of future years. He recalls the days when refreshments were prepared and served in the foyer of Convocation Hall after evening gatherings; when the P.A. system was a Stromberg Carlson cabinet which stood upon the dais; and when the Royal Canadian Institute's picture screen, suspended from a rope, was tethered to the seats to keep it taut. From times that

antedated our submission to the principles of Parkinson's Law he remembers when Simcoe Hall was capable of housing, along with many of its current departmental tenants, the offices of the Faculty of Arts, Graduate Studies, Extension, the Chief Accountant, the Superintendent, Purchasing, the University Stores, the locksmith—and the University police. In forty years there have been changes.

The eldest of eight children of an Ayrshire, Scotland, coal miner who lost his life in a colliery accident, Peter Scollick came to Canada with his mother and his younger brothers and sisters in 1925. He was 19, husky, and looking for a job. Anything, so long as it meant wages. He was first a farm hand, then a lake boat deck hand, then baker's helper, butcher, beef slugger in an abattoir. Somewhere along the line he attracted the attention of Steve Apted, caretaker of Simcoe and Convocation Halls. In 1927 Apted took him on strength as junior cleaner and, on the side, gave him the P.A. system to play with. This was the year of the University's own Centennial, a very busy year, jammed with conferences, great occasions, and much protocol—all of which was grist to Peter's mill. "It was one way", says he wryly, "of bringing a new man into the working of the University, but it was the best thing that could have happened to me."

In 1944 he was transferred to the old S.P.S. building, while still informally attached to Convocation Hall for functions there and as the P.A. expert. (Throughout the war he was a sergeant with the Toronto Scottish Regiment's depot battalion.) Eighteen months later he was back again. Apted's successor, Mrs. Yates, had died: the Superintendent did not hesitate. "It's all yours now," he said to Peter.

Briefly, the Scollicks lived in the five-room suite now occupied by Information at

the south end of Simcoe's first floor up. (They had married in 1931; their son is now a sales instructor with Bell Telephone.) A move to 45 St. George Street in 1947 brought increased responsibilities and enlarged the Scollick circle of importunate customers. These included, at one time or another, the Dean of Arts, the Dean of Law, the Secretary of the Faculty of Arts, the Alumni Association, the Cancer Society, F.R.O.S., a section of the department of psychology, and the writer. When the old house was demolished to make way for Forestry's removal to its present site, the Scollicks found a refuge in East York.

Peter's hours in his little ground-floor office are from 7.10 a.m. (by choice) to 4.40 p.m. (by right) plus (from habit) every evening fixture that entails the use of Convocation Hall. (Long hours? "I worked in the coal mine for five years before I came to Canada. If you weren't there at seven in the morning to wind coal, you went home without your wages.") Toronto had a double-header snowstorm in mid-January. By chance I looked up Peter in his office; he was on the phone. "No", he was saying, "the University is closed today; there are no students here." But Peter was.

"Peter Scollick," says the Acting President of the University of Toronto, "exemplifies the best qualities of a true and faithful servant of the University: patience, sensitivity, good humour, intelligence, and effectiveness. For four decades he has brought comfort and assistance to the denizens and users of Simcoe, Convocation and Examination Halls, tolerating with Scottish forbearance the eccentricities of Presidents and others, and doing battle on behalf of the maintenance staff. He is a man of parts."

Crawford Grier

